

## EAST Search History

## EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	60	(417/8).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2011/09/05 13:50
L2	189	(417/3).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2011/09/05 13:50
L3	245	L1 L2	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2011/09/05 13:50
S1	3	((("2722840") or ("0212728"))).PN.	EPO; JPO; DERWENT	OR	OFF	2009/04/09 13:26
S2	0	("2002045912").PN.	US-PGPUB	OR	OFF	2009/04/09 13:28
S3	0	("2002045912").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/04/09 13:28
S4	1	("20020045912").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/04/09 13:28
S5	1	("4137011").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/04/09 13:29
S6	59	(417/8).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/04/09 13:32
S7	176	(417/3).CCLS.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/04/09 13:34
S8	2	S7 and sterile	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/04/09 13:35
S9	7	((("5141408") or ("4666374") or ("3981622"))).PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2009/04/09 13:45
S10	23	("3135210"   "3847511"   "4021156"   "4106390"   "4120234"   "4231441"   "4321014"   "4470771"   "4490096").PN. OR ("4666374").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2009/04/09 13:46
S11	12	((MARTIN) near2 (HAGG)). INV.	US-PGPUB; USPAT; USOCR	OR	ON	2009/04/09 13:46
S12	14	((RALF) near2 (KUHNER)). INV.	US-PGPUB; USPAT; USOCR	OR	ON	2009/04/09 13:47

S13	19	"4527954"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/04/09 13:49
S14	2	("4527954").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2009/04/09 13:49
S15	409	(417/216).CCLS	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2009/04/09 14:31
S16	0	S15 and (suction same cycle same short\$2 same (output or discharge))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/04/09 14:32
S17	214	"417".clas. and (suction same cycle same short\$2 same (output or discharge))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/04/09 14:32
S18	63	"417".clas. and (jet near cut\$4)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/04/09 14:38
S19	5	S18 and disposable	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/04/09 14:48
S20	0	S17 and S18	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/04/09 14:51
S21	0	S18 and ((suction or intake) same cycle same short\$2 same (output or discharge))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/04/09 14:52
S22	1	((jet near cut\$4) and ((suction or intake) same cycle same short\$2 same (output or discharge))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/04/09 14:52
S23	42	S15 and cam	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/04/09 15:17
S24	73	"417".clas. and (cam and phase and plural)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/04/09 15:18

S25	56	hamo.xa.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/04/09 15:19
S26	9	S25 and phase	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/04/09 15:19
S27	265	"417".clas. and (cam adj shaft and phase)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/04/09 15:42
S28	0	("2008/0118373").URPN.	USPAT	OR	ON	2009/04/09 15:43
S29	1	"6216573".pn.	USPAT	OR	ON	2009/04/09 16:39
S30	7	((concrete or slurry) near pump) and (releasabl\$ and disposabl\$)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/12/15 08:21
S31	1	"417".clas. and atkinson. in. and disposabl\$	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/12/15 08:28
S32	0	"417".clas. and atkinson. in. and blood	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/12/15 08:29
S33	14	atkinson.in. and blood and pump and disposable	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2009/12/15 08:29
S34	2	("4635621").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2009/12/15 08:31
S35	7	"573767".ap.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2010/06/21 16:07
S36	13	"417".clas. and (common with suction with discharge near conduit)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2010/06/21 16:09
S37	363	"417".clas. and (inlet with outlet with conduit with "same")	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2010/06/21 16:17

S38	454	(417/244).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2010/06/21 16:18
S39	80	S38 and conduit	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2010/06/21 16:19
S40	7	"573767".ap.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2010/11/09 10:53
S41	2	("0212728").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2010/11/09 11:37
S42	2	("0212728").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2010/11/09 11:37
S43	91	"212728"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2010/11/09 11:37
S44	1199	(604/151).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2010/11/09 12:45
S45	111	S44 and (piston with control)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2010/11/09 12:46
S46	374	(604/152).CCLS.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2010/11/09 12:48
S47	22	S46 and jet	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2010/11/09 12:50
S48	39	S44 and jet	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2010/11/09 12:52
S49	39	S46 and piston with (plurality or multiple)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2010/11/09 12:54

S50	5	S46 and piston near2 (plurality or multiple)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2010/11/09 12:55
S51	8427	(606/167-189).CCL.S.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2010/11/09 14:17
S52	90	S51 and water near jet	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2010/11/09 14:18
S53	1	S52 and piston near control	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2010/11/09 14:18
S54	26	S52 and piston	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2010/11/09 14:18
S55	158	S51 and (water or fluid) near jet	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2010/11/09 14:19
S56	53	S55 and piston	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2010/11/09 14:19
S57	2	("6216573").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2010/11/09 14:24
S58	2	("2722840").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2010/11/09 14:32
S59	2	("0623842").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2010/11/09 14:54
S60	25	"623842"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2010/11/09 14:54
S61	2	"0623842"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2010/11/09 16:38
S62	4	rosenburgh.inv. and stepper and motor	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2010/11/09 16:40

S63	2	("0623841").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2010/11/09 16:41
S64	2	("0623841").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	OFF	2010/11/09 16:42
S65	116	("2648288"   "3496874"   "3771907"   "3818913"   "3874826"   "3930505"   "4111490"   "4142524"   "4199307"   "4216906"   "4336800"   "4410322"   "4435902"   "4465438"   "4479760"   "4479761"   "4479762"   "4557725"   "4560373"   "4573883"   "4614481"   "4635621"   "4637551"   "4657490"   "4662829"   "4690672"   "4741678"   "4749337"   "4754929"   "4761039"   "4776769"   "4795217"   "4798339"   "4798589"   "4811902"   "4818190"   "4827679"   "4842584"   "4857048"   "4872813"   "4896085"   "4898574"   "4913698"   "4927411"   "4937985"   "4940399"   "4950238"   "4958963"   "5006050"   "5011468"   "5018670"   "5037431"   "5052624"   "5056992"   "5074862"   "5092744"   "5098262"   "5125582"   "5133687"   "5135482"   "5154589"   "5162016"   "5186615"   "5201643"   "5205779"   "5230443"   "5237309"   "5252044"   "5259842"   "5261883"   "5281108"   "5314375"   "5322504"   "5339715"   "5344292"   "5364234"   "5368452"   "5370609"   "5378126"   "5415528"   "5429485"   "5449369"   "5464392"   "5476368"   "5505729"   "5540568"   "5542918"   "5554013"   "5562692"   "5586868"   "5591184"   "5620414"   "5647852"   "5667102"	US-PGPUB; USPAT; USOCR	OR	ON	2010/11/09 16:45

		"5674226"   "5713878"   "5871462").PN. OR ("6216573").URPN.				
S66	0	EP623841	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2010/11/09 17:15
S67	0	EP0623841	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	OR	ON	2010/11/09 17:15

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